

GenCore version 5.1.6  
Copyright (c) 1993 - 2003 CompuGen Ltd.

OW protein - protein search, using sw model

Run on: October 10, 2003, 17:34:55 (Search time 29 Seconds  
(without alignments)  
221.767 Million cell updates/sec

Title: US-10-046-060A-4  
Perfect score: 1  
Sequence: 1 MCSLPMARYIIKXADQKAL.....QUTKSEPSARKTFYEQSW 152

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database: Issued Patents AA:  
1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep:\*  
2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep:\*  
3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep:\*  
4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep:\*  
5: /cgn2\_6/ptodata/1/1aa/PCTUS.COMB.pep:\*  
6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	818	100.0	152	4	US-09-316-081-2
2	818	100.0	152	4	US-09-578-458-2
3	818	100.0	152	4	US-09-522-964A-2
4	818	100.0	169	4	US-09-316-081-4
5	818	100.0	169	4	US-09-578-458-4
6	818	100.0	169	4	US-09-522-964A-4
7	818	100.0	200	4	US-09-578-458-13
8	818	100.0	200	4	US-09-522-964A-13
9	657	80.3	152	4	US-09-578-458-18
10	283	34.6	155	3	US-09-417-455-5
11	283	34.6	155	4	US-09-348-942-5
12	283	34.6	155	4	US-09-316-081-5
13	283	34.6	155	4	US-09-578-458-5
14	283	34.6	155	4	US-09-522-964A-5
15	283	34.6	155	4	US-09-457-626-5
16	283	34.6	155	4	US-09-576-008-5
17	260.5	31.8	178	3	US-09-000-630C-23
18	260.5	31.8	178	3	US-08-862-730C-23
19	260.5	31.8	178	3	US-09-417-455-10
20	260.5	31.8	178	4	US-09-348-942-10
21	260.5	31.8	178	4	US-09-316-081-6
22	260.5	31.8	178	4	US-09-578-458-6
23	260.5	31.8	178	4	US-09-522-964A-6
24	260.5	31.8	178	4	US-09-457-626-10
25	260.5	31.8	178	4	US-09-576-008-10
26	257.5	31.5	178	3	US-09-417-455-9
27	257.5	31.5	178	4	US-09-348-942-9

28	257.5	31.5	178	4	US-09-457-626-9	Sequence 9, Appli
29	257.5	31.5	178	4	US-09-576-008-9	Sequence 9, Appli
30	256	31.3	177	4	US-09-316-081-7	Sequence 7, Appli
31	256	31.3	177	4	US-09-578-458-7	Sequence 7, Appli
32	255.5	31.2	178	3	US-09-522-964A-7	Sequence 21, Appli
33	255.5	31.2	178	3	US-09-000-630C-21	Sequence 21, Appli
34	255.5	31.2	178	3	US-08-862-730C-21	Sequence 21, Appli
35	248	30.3	151	3	US-09-000-630C-3	Sequence 3, Appli
36	248	30.3	151	3	US-08-862-730C-3	Sequence 3, Appli
37	248	30.3	154	3	US-09-000-630C-5	Sequence 5, Appli
38	248	30.3	154	3	US-08-862-730C-5	Sequence 5, Appli
39	248	30.3	176	3	US-09-000-630C-4	Sequence 4, Appli
40	248	30.3	176	3	US-08-862-730C-4	Sequence 4, Appli
41	241	29.5	177	3	US-09-000-630C-22	Sequence 22, Appli
42	241	29.5	177	3	US-08-862-730C-22	Sequence 22, Appli
43	241	29.5	177	3	US-09-417-455-11	Sequence 11, Appli
44	241	29.5	177	4	US-09-348-942-11	Sequence 11, Appli
45	241	29.5	177	4	US-09-457-626-11	Sequence 11, Appli

ALIGNMENTS

Sequence comparison

RESULT 1  
US-09-316-081-2  
; Sequence 2, Application US/09316081  
; Patent No. 6339141  
; GENERAL INFORMATION:  
; APPLICANT: Ballinger, Dennis G.  
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods  
; FILE REFERENCE: 28110/35659  
; CURRENT APPLICATION NUMBER: US/09/316,081  
; CURRENT FILING DATE: 1999-05-20  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 152  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; US-09-316-081-2

Query Match 100.0%; Score 818; DB 4; Length 152;  
Best Local Similarity 100.0%; Pred. No. 5.5e-91;  
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MCSLPMARYIIKXADQKALYTRDQGLVGPVADNCCAEKICITLPRGLDRTVPIFLG	60
DB	1	MCSLPMARYIIKXADQKALYTRDQGLVGPVADNCCAEKICITLPRGLDRTVPIFLG	60
QY	61	IQGSRCIACVETEGPSLQLEDVNIIELYKGSEATRTFFOSSSGSAFLEAAAFPGW	120
DB	61	IQGSRCIACVETEGPSLQLEDVNIIELYKGSEATRTFFOSSSGSAFLEAAAFPGW	120
QY	121	FLCGPAPPOQPVQUTKSEPSARKTFYEQSW	152
DB	121	FLCGPAPPOQPVQUTKSEPSARKTFYEQSW	152

RESULT 2  
US-09-578-458-2  
; Sequence 2, Application US/09578458  
; Patent No. 6365726  
; GENERAL INFORMATION:  
; APPLICANT: Ballinger, Dennis G.  
; APPLICANT: Ford, John  
; APPLICANT: Ho, Alice  
; APPLICANT: Lin, Hai Shan  
; APPLICANT: Pace, Ann M.  
; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods  
; FILE REFERENCE: 28110/36479  
; CURRENT APPLICATION NUMBER: US/09/578,458  
; CURRENT FILING DATE: 2000-05-22

;; PRIOR APPLICATION NUMBER: US 09/522,964  
;; PRIOR FILING DATE: 2000-03-10  
;; PRIOR APPLICATION NUMBER: US 09/316,086  
;; PRIOR FILING DATE: 1999-03-20  
;; NUMBER OF SEQ ID NOS: 20  
;; SOFTWARE: Patentln Ver. 2.0  
;; SEQ ID NO 2  
;; LENGTH: 152  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-578-458-2

Query Match 100.0%; Score 818; DB 4; Length 152;  
Best Local Similarity 100.0%; Pred. No. 5.5e-91;  
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 60  
DB 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 60  
QY 61 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 120  
DB 61 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 120  
QY 121 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 152  
DB 121 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 152

RESULT 3  
US-09-522-964A-2  
;; Sequence 2, Application US/09522964A  
;; Patent No. 6372892  
;; GENERAL INFORMATION:  
;; APPLICANT: Ballinger, Dennis G.  
;; APPLICANT: Lin, Hai Shan  
;; APPLICANT: Pace, Ann M.  
;; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods  
;; FILE REFERENCE: 28110/36210  
;; CURRENT APPLICATION NUMBER: US/09/522,964A  
;; CURRENT FILING DATE: 2000-03-10  
;; PRIOR APPLICATION NUMBER: US 09/316,086  
;; PRIOR FILING DATE: 1999-03-20  
;; NUMBER OF SEQ ID NOS: 14  
;; SOFTWARE: Patentln Ver. 2.0  
;; SEQ ID NO 2  
;; LENGTH: 152  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-522-964A-2

Query Match 100.0%; Score 818; DB 4; Length 152;  
Best Local Similarity 100.0%; Pred. No. 5.5e-91;  
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 60  
DB 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 60  
QY 61 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 120  
DB 61 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 120  
QY 121 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 152  
DB 121 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 152

RESULT 4  
US-09-316-081-4  
;; Sequence 4, Application US/09316081  
;; Patent No. 6339141  
;; GENERAL INFORMATION:

;; APPLICANT: Ballinger, Dennis G.  
;; APPLICANT: Pace, Ann M.  
;; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods  
;; FILE REFERENCE: 28110/35659  
;; CURRENT APPLICATION NUMBER: US/09/316,081  
;; CURRENT FILING DATE: 1999-05-20  
;; NUMBER OF SEQ ID NOS: 11  
;; SOFTWARE: Patentln Ver. 2.0  
;; SEQ ID NO 4  
;; LENGTH: 169  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-316-081-4

Query Match 100.0%; Score 818; DB 4; Length 169;  
Best Local Similarity 100.0%; Pred. No. 6.4e-91;  
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 60  
DB 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 77  
QY 61 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 120  
DB 78 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 137  
QY 121 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 152  
DB 138 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 169

RESULT 5  
US-09-578-458-4  
;; Sequence 4, Application US/09578458  
;; Patent No. 6365726  
;; GENERAL INFORMATION:  
;; APPLICANT: Ballinger, Dennis G.  
;; APPLICANT: Ford, John  
;; APPLICANT: Ho, Alice  
;; APPLICANT: Lin, Hai Shan  
;; APPLICANT: Pace, Ann M.  
;; TITLE OF INVENTION: Interleukin-1 Hy2 Materials and Methods  
;; FILE REFERENCE: 28110/36479  
;; CURRENT APPLICATION NUMBER: US/09/578,458  
;; CURRENT FILING DATE: 2000-05-22  
;; PRIOR APPLICATION NUMBER: US 09/522,964  
;; PRIOR FILING DATE: 2000-03-10  
;; PRIOR APPLICATION NUMBER: US 09/316,086  
;; PRIOR FILING DATE: 1999-03-20  
;; NUMBER OF SEQ ID NOS: 20  
;; SOFTWARE: Patentln Ver. 2.0  
;; SEQ ID NO 4  
;; LENGTH: 169  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-578-458-4

Query Match 100.0%; Score 818; DB 4; Length 169;  
Best Local Similarity 100.0%; Pred. No. 6.4e-91;  
Matches 152; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 60  
DB 1 MCSLPMARYIITKADQKALYTRDQQLVGPVADNCCAEKICTLPNKGDRTRKVPFLG 77  
QY 61 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 120  
DB 78 IGGSRCLACVETEBGPSLOEDVNIIEELYKGEERATFTFPOSSSGSAFRLAAAMPGW 137  
QY 121 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 152  
DB 138 FLCGPAEPQOPVOLTKESPSARTKTFYEQSW 169